

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
23 December 2004 (23.12.2004)

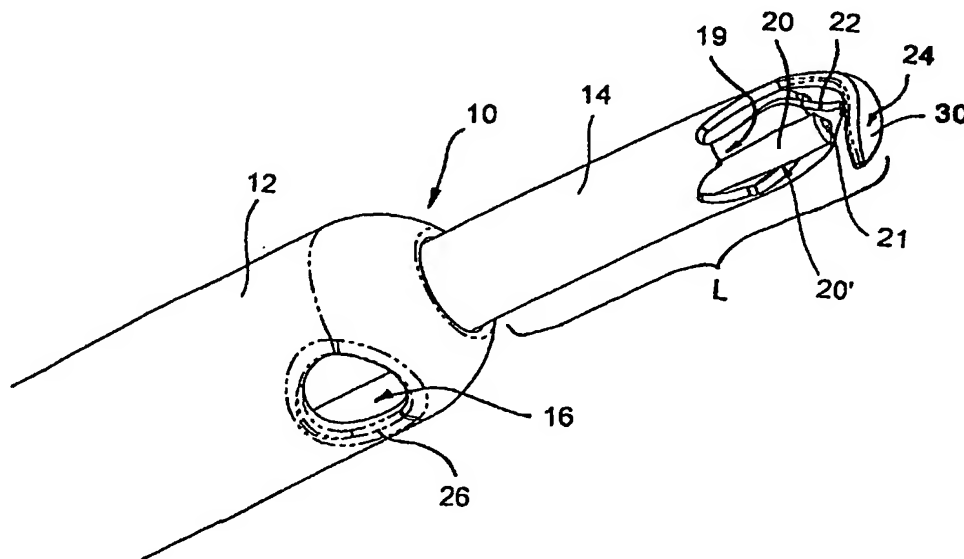
PCT

(10) International Publication Number
WO 2004/110260 A2

- (51) International Patent Classification⁷: **A61B**
- (21) International Application Number:
PCT/US2004/018483
- (22) International Filing Date: 10 June 2004 (10.06.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/477,258 10 June 2003 (10.06.2003) US
- (71) Applicant (for all designated States except US):
NEOMEDIX CORPORATION [US/US]; 27452 Calle
Arroyo, San Juan Capistrano, California 92675 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **MITTELSTEIN, Michael** [DE/US]; 29412 Clipper Way, Laguna Niguel, California 92677 (US). **SORENSEN, John, T.** [US/US]; 19 Barnstable Way, Ladera Ranch, California 92694 (US). **MIRHASHEMI, Soheila** [US/US]; 29412 Clipper Way, Laguna Niguel, California 92677 (US). **GERG, James, B.** [US/US]; 24725 Woodhill Lane, Lake Forest, California 92630 (US).
- (74) Agent: **BUYAN, Robert, D.**; Stout, Uxa, Buyan & Mullins, LLP., 4 Venture, Suite 300, Irvine, California 92618 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: DEVICE AND METHODS USEABLE FOR TREATMENT OF GLAUCOMA AND OTHER SURGICAL PROCEDURES



(57) Abstract: A device and method for cutting or ablating tissue in a human or veterinary patient includes an elongate probe having a distal end, a tissue cutting or ablating apparatus located adjacent within the distal end, and a tissue protector extending from the distal end. The protector generally has a first side and a second side and the tissue cutting or ablating apparatus is located adjacent to the first side thereof. The distal end is structured to be advanceable into tissue or otherwise placed and positioned within the patient's body such that tissue adjacent to the first side of the protector is cut away or ablated by the tissue cutting or ablation apparatus while tissue that is adjacent to the second side of the protector is not substantially damaged by the tissue cutting or ablation apparatus.

WO 2004/110260 A2



Published:

— without international search report and to be republished
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.